

Pre-Proposal Conference

Request for Proposal (RFP) Summary February 13, 2009



#### Introduction

Reinhard Knerr, Federal Project Director, Paducah

**Opening Remarks** 

Bill Hensley, Contracting Officer

Agenda and Ground Rules

Presenting Sections A, B, F, H, I, K, L, M

Reinhard Knerr, Federal Project Director, Paducah Remediation Project

Presenting Section C - Performance Work Statement (PWS)

Paul L. Whalen, Advisor, DOE Attorney



#### Welcome

- Pre-proposal conference for the U.S. Department of Energy (DOE) Request for Proposal DE-RP30-09CC40020, Paducah Remediation Project, Paducah, Kentucky.
- Offered in support of the DOE Portsmouth/Paducah Project Office, Lexington, Kentucky.
- Paducah Remediation Project Mission:
  - Remediate and disposition contaminated site-specific media, such as soils, surface water, and groundwater
  - Perform facility decontamination and decommissioning
  - Operate the site waste storage facilities to include waste disposition
  - Maintain and optimize the environmental monitoring program
  - Complete and implement a record of decision for burial grounds



#### **Purpose of the Pre-Proposal Conference**

- To provide information to potential Offerors regarding preparation of their proposal.
- Point out certain important aspects of the RFP.
- "Visualize" physical description included in the Performance Work Statement (PWS).
- Goal at the end of the Pre-Proposal Conference to have a better understanding of the Paducah Remediation Project RFP.



#### **DOE Environmental Management Perspective**

- Complete the contract to ensure the safe accomplishment of all activities currently authorized under the existing regulatory framework for the Paducah Remediation Project.
- Establish a contract structure that clearly defines contractor performance requirements.
- Solicit quality proposals from Offerors.



#### **Conference Agenda:**

#### Morning:

8:00 – 8:30 Registration

8:30 – 8:40 Opening Remarks

8:40 – 10:50 Pre-Proposal Presentation

10:50 – 11:00 Closing Remarks

#### Afternoon:

11:50 – Site Tours



#### **Ground rules**

- No audio or video recording of Pre-Proposal Conference is permitted.
- Questions can be either dropped in the question box or submitted in accordance with the SEB Web Page instructions.
- All questions and answers will be posted to the SEB Web Page.
- The Pre-Proposal Conference briefing slides, List of Attendees, and Tour Briefing will be posted to the Paducah SEB Web Page (http://www.emcbc.doe.gov/paducahremediation)
- The terms and conditions of the RFP govern over any information presented today. Information presented here is at a summary level.
- Please put all cell phones, blackberries and other communication devices on quiet mode.



#### RFP posted in the DOE Industry Interactive Procurement System (IIPS) and the EMCBC RFP Web Page

- IIPS web page address: <a href="http://doe-iips.pr.doe.gov">http://doe-iips.pr.doe.gov</a>
- Paducah RFP Web Page address: http://www.emcbc.doe.gov/PaducahRemediation/index.html
- Reference documents are available on the Paducah RFP Web Page. Some information pertaining to nuclear facility design and building drawings is considered sensitive and is posted to FedBizOpps at http://www.fbo.gov. Offerors are required to complete a vendor registration form with FebBizOpps prior to access.
- Paducah SEB e-mail address: PaducahRem@emcbc.doe.gov



#### Paducah RFP Web Page, includes:

- RFP and Amendments
- Reference Documents
- Questions and Responses
- Site Tour Information
- Pre-Proposal Conference Information



#### **Request for Proposal Format**

- Sections A J become the final contract.
- Section K is incorporated by reference.
- Sections L and M contain solicitation instructions and the basis of evaluation and award.



#### Section A – Solicitation, Offer and Award

- SF Form 33
- Offer
  - Offeror needs to complete Blocks 12-18.

Note: The proposal is not considered a valid offer unless the SF 33 is signed by a representative of the <u>entity</u> making the offer [e.g., if forming a new legal entity to perform the contract such as a LLC or joint venture, the individual signatures of the representative(s) or member company is needed].



#### **Section B – Supplies or Services and Prices/Costs**

- Cost-Plus-Award-Fee type contract.
- Base fee will be 2% of total estimated cost; Offerors may propose an award fee amount not to exceed 8%.
- No fee is payable for the contract transition period.
- Includes two Options to support DOE in transitioning the Paducah Gaseous Diffusion Plant to DOE.



# Section C

# Performance Work Statement (PWS)

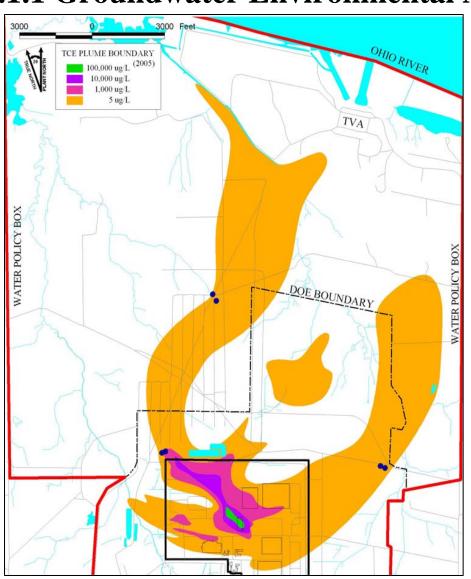


#### **C.1.1 Groundwater Environmental Actions**

- Complete on-going remediation of the C-400 Building contaminant sources to the northwest and northeast groundwater plumes
  - Remedy selected: electrical resistance heating
  - System installation is on-going
- Complete the remediation of the southwest plume sources
  - Focused feasibility study is under development
- Remediation of the dissolved-phase plumes
  - Biodegradation Studies Evaluation Report
    - Preliminary study indicates aerobic degradation is occurring in the RGA
  - Trichloroethene and technetium-99
  - Two groundwater pump and treat facilities currently operating



#### **C.1.1 Groundwater Environmental Actions**





#### **C.1.2** Material Disposition

- Characterize, package, and ship remaining legacy and newly generated (i.e. not remediation) waste for treatment or disposal.
- Operation & maintenance of waste storage facilities.
- Operate and/or maintain three permitted sanitary landfills.
- Technical and strategic planning support for disposition of classified nickel ingots and other potential recyclable metals.
- Complete closure of DOE Material Storage Areas (DMSA), including transfer to USEC.
  - Surveillance and maintenance of non-transferred DMSAs.



#### **C.1.3 Facilities Disposition**

- Complete decontamination and decommissioning (D&D) of all listed facilities.
  - Includes all applicable regulatory approvals and associated site restoration activities.
  - Some facilities require DOE approval prior to start of D&D activities included to provide the contractor flexibility for re-use.
- OPTION: Technical and operational support for gaseous diffusion plant transition back to DOE and preparation for D&D.



#### **C.1.4 Soils Operable Unit**

- RI work plan is under development
- Complete remedial and/or removal action for 79 solid waste management units, including all applicable regulatory documents.
  - Remedial action is intended to address hot-spots with greater risk.
- Complete remedial and/or removal action for soils inactive facilities.
  - Action memorandum is under development.
- Complete remedial and/or removal action for soil pile areas and rubble pile areas.
  - Site evaluation report is under development and final sampling is ongoing.



#### **C.1.5 Surface Water Operable Unit**

- Removal action field work and completion report for certain effluent ditches, associated outfalls within the industrial area of the plant.
  - Action memorandum is under development
- Sections 3, 4, and 5 of the North South Diversion Ditch located outside the industrialized area.
- Remedial action for remaining effluent ditches and site creeks.



#### **C.1.6** Waste Disposition Options Project

- Complete the CERCLA evaluation of approximately 3.7 million cubic yards of CERCLA waste generated through 2040.
- Compare the existing off site waste disposal facility/ options for low-level waste, hazardous waste (TSCA & mixed low-level waste), sanitary waste, and classified waste to a new on-site disposal facility.
  - RI work plan is under development
  - Significant stakeholder interaction is required



#### **C.1.7 PCB Activities**

- Maintain PCB collection trough system
  - More than 16,000 troughs
- Cleanup of PCB spills and leaks
- Disposal of PCB waste
- Air monitoring
- Reporting



### C.1.8 Environmental Monitoring & Reporting

- Meet regulatory environmental monitoring and reporting criteria
- Ensure protectiveness of human health and the environment
- Continuously optimize monitoring requirements
- Provide Water Policy support



#### **C.1.9 Burial Grounds Operable Unit**

- On-site Burial Grounds include Solid Waste Management Units (SWMUs) 2, 3, 4, 5, 6, 7, 13, 30 and 145.
- SWMUs 2, 4, 5, 6, 7, 13 and 30 have a soil cover, but are not capped.
- Areal size of the soil covered SWMUs are:

-SWMU 2 - 32,000 ft<sup>2</sup>

 $-SWMU 4 - 286,700 \text{ ft}^2$ 

-SWMU 5 - 197,400 ft<sup>2</sup>

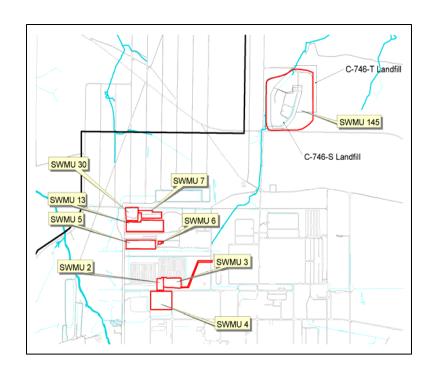
-SWMU 6 - 13,335 ft<sup>2</sup>

-SWMU 7 - 240,900 ft<sup>2</sup>

 $-SWMU 13 - 294,000 \text{ ft}^2$ 

-SWMU 30 - 128,000 ft<sup>2</sup>

 $-SWMU 145 - 1,916,640 \text{ ft}^2$ 



• SWMU 3 has a RCRA compliant cap but no subsurface liner. SWMU 3 is approximately 52,300 ft<sup>2</sup> in size.



#### **C.1.10 Project Support**

- Eleven areas of support including:
  - Project management system
  - Integrated safety management system (ISMS)
  - Environment, safety, and health
  - Administration
  - Transportation
  - Records management
  - Safeguards and security
  - Property management
  - Energy efficiency
  - Computer, radio, telephones
  - DOE consolidated audit program (DOECAP)



#### **C.1.10 Project Support**

- All parts of NQA-1 must be implemented.
- Aggressive public relations support is required.
- Dosimetry is not a GFSI, which is different from the draft PWS that was issued in October 2008.
- DOE requires selected contractor to complete comprehensive life cycle analyses (cost/benefit) best value for the government.



#### **Section F – Deliveries or Performance**

- The contract transition period will be a ninety (90) day period of time from the date of contract award to the date that the Contractor assumes full responsibility for the Performance Work Statement (PWS).
- The basic term of this contract is for a period of five years from the date the Contractor completes transition and assumes full responsibility for the PWS.



#### **Section H - Special Contract Requirements**

#### **Project Control Systems and Reporting Requirements (Clause H.1)**

- Earned Value Management System (EVMS) Compliance
  - The Contractor shall gain EVMS certification within six (6) months after contract award.
- Programmatic Risks and Uncertainties
  - The Contractor shall submit a Risk Management Plan within 120 calendar days after award for DOE review and approval, and it will be updated semi-annually.
- Project Control Systems and Reporting Requirements
  - The contractor shall develop and submit baselines consistent with the terms and conditions of the contract <u>and their proposal</u> within 120 days after award.



#### **Section H - Special Contract Requirements (cont'd)**

- Key Personnel (Clause H.6)
  - Will include the proposed Key Personnel
    - Resumes shall be submitted for each and every person proposed as Key Personnel member.
  - The Offeror may designate additional key personnel considered essential to the work being performed subject to DOE approval.
- Government Furnished Services and Items (GFSI) (Clause H.17)
  - DOE will provide the services and items listed in the clause.
  - The Contractor shall provide a projection of required services and items within 30 calendar days after contract award and quarterly thereafter.
- Responsible Corporate Official (Clause H.34)
  - The Offeror shall provide the Responsible Corporate Official in Volume I of their proposal.



#### **Section H - Special Contract Requirements (cont'd)**

Workforce Transition Clauses: Please review carefully.

- No Third Party Beneficiaries (Clause H.5)
- Definitions (Clause H.18)
- Workforce Transition and Employee Hiring Preferences (Clause H.19)
- Employee Compensation: Pay and Benefits (Clause H.20)
- Special Provisions Applicable to Workforce Transition and Employee Compensation: Pay and Benefits (Clause H.21)
- Workforce Transition and Benefits Transition: Plans and Timeframes (Clause H.22)
- Post-Contract Responsibilities for Pension and Other Benefit Plans (Clause H.23)
- Labor Relations (Clause H.24)
- Workforce Restructuring (Clause H.25)



#### **Section I - Contract Clauses**

- Incorporation of FAR and DEAR Clauses by reference and in full text
  - Section I, Clause I.53 "Hazardous Material Identification and Material Safety Data" is a mandatory fill-in.
  - Other Section I Clauses may require fill-in as well such as, I.73
    "Rights to Proposal Data (Technical)," and I.148 "Rights in Data Facilities."
  - Please review carefully.



# Section K - Representations, Certifications, and Other Statements of Offerors

• Offerors shall complete and submit all of the fill-in information provided in Section K. Failure to provide the requested information may make the offer unacceptable for award.



#### **Section L - Instructions to Offerors**

- Provision L.1 (FAR 52.215-1 Instructions to Offerors Competitive Acquisition Alternate 1)
- The proposal shall consist of three physically separated volumes (Provision L.2)
  - Volume I Offer and Other Documents (1 original, 5 copies and 5 CD-ROM)
  - Volume II Technical Proposal (1 original, 10 copies and 5 CD-ROM)
  - Volume III Cost and Fee Proposal (1 original, 10 copies and 5 CD-ROM)



- Volume I Offer and Other Documents (Provision L.3)
  - Standard Form (SF) 33, Solicitation Offer and Award
    - Use as cover sheet of each copy of Volume I
  - Representations and Certifications
    - Fully executed by authorized representative of Offeror
  - Exceptions and Deviations Taken in Any Volume
  - Subcontract Agreements
    - Incumbent Contractor Subcontracts
  - Additional Information
- Signed original of all documents requiring signature by Offeror shall be contained in the original volume



- Volume II Technical Proposal (Provision L.4)
  - Not to include any cost data.
  - Page limitations. Pages that exceed the page limitations will not be considered in the evaluation.
- Volume II is divided into four (4) sections:
  - Organization and Key Personnel
    - Describe management organization and organizational structure
    - Describe line management responsibility and relationships within the overall organization
    - Key Personnel Project Manager, ES&H Manager, Regulatory Compliance Manager and others designated by the Offeror



- Technical Approach
  - Describe how it will execute the requirement in the PWS.
    - -- General description to communicate an understanding of the requirements for non-discriminating activities.
    - -- Describe specific approach for discriminating activities to demonstrate both understanding and ability to perform requirements.
    - -- More detail is to be provided for Burial Grounds Operable Unit Project and Dissolve Phase Plumes Remediation.
  - Provide an integrated critical path method schedule for discriminating activities.
  - Describe approach to achieve regulatory approval for the proposed execution of work.



- Relevant Experience The Offeror shall describe corporate experience in performing relevant work similar in size, scope and complexity to that described in the PWS.
- Past Performance Offerors shall submit information on three RELEVANT contracts (similar in size, scope and complexity) completed or in progress during the last five years. Provide the same type of information on three contracts for any joint venture members, LLCs or other teaming arrangements, and one contract for each major subcontractor (over \$10M).



- Volume III Cost and Fee Proposal (Provision L.5)
  - All cost and fee information to be included in the cost volume unless otherwise specifically requested by the RFP.
  - Use structure provided in Attachments L-7, L-8, and L-9 to summarize cost proposal information.
  - Use Performance Work Statement (PWS) structure for the Work Breakdown Structure (WBS).
  - For proposal purposes, anticipate an award date of July 1, 2009 and anticipate assuming full responsibility of the contract on October 1, 2009.
  - Provide cost proposals information at a minimum of one level lower than the PWS level stated in Section C.



- No Facilities Capital Cost of Money (FCCOM) is authorized under this RFP
- Minimum escalation factors are 3 percent for labor and 2 percent for other than labor costs for each fiscal year.
- If Home Office Allocations are not proposed, Offeror will need to prepare a contractually binding statement stating it will not attempt to recover corporate home office costs during the contract for inclusion in Volume I.
- Discriminating and Non-Discriminating Activities:
  - Discriminating Activities Offerors shall provide technical approach and related implementation cost
  - Non-Discriminating Activities The Offeror shall describe its understanding of the overall project planning, integration, management and execution of project work in sufficient detail to communicate the Offeror's understanding of the requirements of the PWS. DOE provided costs.



- Discriminating Activities:
  - Integrated Schedule Offerors provide an integrated resource loaded schedule.
  - Labor rates for the incumbent personnel must be, at a minimum, what was provided by DOE. Offeror has the responsibility to propose and support non-incumbent labor rates
  - Fringe Benefit rates for Union and Non-Union Incumbent personnel must be, at a minimum, what was provided by DOE.
     Offeror has the responsibility to propose and support nonincumbent fringe benefit rates.
  - One FTE equals 1,880 hours/year.
  - Joint Venture Member/LLC Member/other teaming arrangement/Subcontractor is proposed to do more than \$5M worth of activity, Offeror to provide cost breakout as discussed in L.5(f)(4)(A)(iii).



- The 216 cft of MTU/TRU waste qty in Table C.1.2(a) will be disposed in the following manner: 162 cft as LLW and 54 cft as MTRU/TRU.
- As part of the cost proposal, Offerors will provide the output from its estimating software supporting its proposal.
- Non-Discriminating Activities:
  - Depending on how the Offeror's organization is structured G&A can be applied to DOE provided costs.
  - Offerors are to propose base and award fee associated with the DOE provided dollar amounts.
  - Schedule Offerors shall use the DOE provided dollar amounts plus any indirect rates (ex G&A) to load into the integrated schedule.



- Table L.2 Anticipated funding profile (~ \$536 M)
  - Note: This is anticipated funding and NOT a Government estimate or the current baseline.
  - The cost proposal must be consistent with the funding profile in Table L.2, both by year and in total, including anticipated funding for the Option for Additional Services to support transition of the PGDP to DOE as noted in Section L.5.



- Proposals are due by 4:00 PM ET March 24, 2009 (Provision L.6)
- Questions may be submitted within 30 calendar days of the RFP release via e-mail to: <a href="mailto:paducahrem@emcbc.doe.gov">paducahrem@emcbc.doe.gov</a>
- Responses will be posted to the SEB Web Page (http://www.emcbc.doe.gov/paducahremediation)



#### Section M - Evaluation Factors for Award

- The Government intends to award one contract to the responsible Offeror whose proposal is responsive to the solicitation and determined to be the best value to the Government (Provision M.2)
- The relative importance of the evaluation factors is provided in Provisions M.2 and M.3.



- Technical Evaluation Factors (Section M.3)
- Organization and Key Personnel (40%)
  - Organization and Other Key Personnel (25%)
  - Project Manager (15%)
- Technical Approach (30%)
- Relevant Experience (15%), and
- Past Performance (15%)



- Technical Evaluation Factor: Organization and Key Personnel
  - DOE will evaluate the management organization including the rationale for that structure to support the Offeror's planned approach to execute the work.
  - DOE will evaluate the staffing levels of the organization to determine the ability to perform the scheduled work in an effective manner.
  - DOE will evaluate the key personnel proposed by the Offeror for the positions identified in Section H.6 entitled "Key Personnel any other key personnel as designated by the Offeror.
  - DOE will evaluate the designation of key personnel relative to the approach to the management and execution of project work proposed by the Offeror.



- Technical Evaluation Factor: Technical Approach
  - DOE will evaluate the Offeror's approach to the management and execution of project work.
  - DOE will evaluate the proposed Work Breakdown Structure (WBS) and integrated critical path method schedule, and the sequence of work to determine if a safe, efficient execution of work scope is planned.
  - DOE will evaluate the feasibility of the overall approach to the burial grounds operable unit project and to the dissolved phase plumes remediation.
  - DOE will evaluate the Offeror's approach to achieve regulatory approval for the proposed execution of project work and integration of the regulatory approach with project management and execution.



- Technical Evaluation Factor: Relevant Experience
  - DOE will evaluate the relevancy of each Offeror for its experience in performing work similar in size, scope and complexity to that described in the Performance Work Statement.
  - DOE will evaluate the relevant experience of the Offeror and each of its major subcontractors (greater than \$10 million annually at any tier) with respect to the type of work proposed and commensurate with the portion of the overall work being performed by each entity. In the case of a newly formed teaming arrangement formed for the purpose of performing this contract, DOE will evaluate the experience of each entity with respect to the type of work proposed and commensurate with the portion of the work to be performed by each entity.
  - DOE will also evaluate the Offeror's experience in using corporate capability to provide support and problem-solving resources.



- Technical Evaluation Factor: Past Performance
  - DOE will evaluate the Offeror and its major subcontractors' past performance on the basis of information furnished by its customers and other sources on relevant contracts (including current contracts) that are similar in size, scope and complexity to the work described in the Performance Work Statement.
  - The Government will consider in its evaluation the relevance and similarity of the Offeror's past performance information, the Offeror's written discussion of past performance problems, and the corrective actions taken to resolve those problems.
  - DOE may solicit past performance information from available sources, including references and clients identified by the Offeror, and will consider such information in its evaluation.



Thank you for attending.

• Questions may be dropped off in the question box or submitted via e-mail to

PaducahRem@emcbc.doe.gov.



# **Tour Logistics:**

- Tour participants must have registered specifically for the tour and submitted a Visitor Pass Request
- List of prohibited and controlled articles is posted on the back wall. Absolutely no weapons (includes pocket knives) or electronic devices of any kind (jump drives, cameras, cell phones, etc.) are permitted. Please secure your personal items (e.g. locked car).
- No smoking, no chewing (gum or tobacco products).
- Please note that tour escorts are instructed not to engage in conversation.



Tour Bus 1 will begin boarding at 11:30 a.m.

Boarding the bus is a 3-step process. Please proceed to:

- Table 1 located directly outside the conference room door.
  - Pick up a tour booklet (signed non-disclosure form is required.
    Form was provided to you during morning registration.)
- Table 2: Security Station ID check
  - Show government issued picture ID (e.g. drivers license).
  - Sign sheet indicating that you have read the site access material (includes listening to the bells and whistles).
  - Temporary badge will be issued.
  - Wand and sniff.
- Proceed to bus and board.
  - Ear plugs, safety glasses, and C-752-A briefing will be on each seat.
  - Please read the C-752-A briefing material. It is required prior to entry.